



## DEPARTMENT OF THE INTERIOR

### Fish and Wildlife Service

[FWS-R3-ES-2021-N007; FXES11130300000-201-FF03E00000]

### Endangered and Threatened Species; Receipt of Recovery Permit Applications

**AGENCY:** Fish and Wildlife Service, Interior.

**ACTION:** Notice of receipt of permit applications; request for comments.

**SUMMARY:** We, the U.S. Fish and Wildlife Service, have received applications for permits to conduct activities intended to enhance the propagation or survival of endangered or threatened species under the Endangered Species Act. We invite the public and local, State, Tribal, and Federal agencies to comment on these applications. Before issuing any of the requested permits, we will take into consideration any information that we receive during the public comment period.

**DATES:** We must receive your written comments on or before [INSERT DATE 30 DAYS AFTER DATE OF PUBLICATION IN THE *FEDERAL REGISTER*].

**ADDRESSES:** *Document availability and comment submission:* Submit requests for copies of the applications and related documents, as well as any comments, by one of the following methods. All requests and comments should specify the applicant name(s) and application number(s) (e.g., TExXXXXX; see table in **SUPPLEMENTARY INFORMATION**):

- *Email:* [permitsR3ES@fws.gov](mailto:permitsR3ES@fws.gov). Please refer to the respective application number (e.g., Application No. TExXXXXX) in the subject line of your email message.
- *U.S. Mail:* Regional Director, Attn: Nathan Rathbun, U.S. Fish and Wildlife Service, Ecological Services, 5600 American Blvd. West, Suite 990, Bloomington, MN 55437–1458.

**FOR FURTHER INFORMATION CONTACT:** Nathan Rathbun, 612–713–5343

(phone); [permitsR3ES@fws.gov](mailto:permitsR3ES@fws.gov) (email). Individuals who are hearing or speech impaired may call the Federal Relay Service at 1–800–877–8339 for TTY assistance.

**SUPPLEMENTARY INFORMATION:**

**Background**

The Endangered Species Act of 1973, as amended (ESA; 16 U.S.C. 1531 *et seq.*), prohibits certain activities with endangered and threatened species unless authorized by a Federal permit. The ESA and our implementing regulations in part 17 of title 50 of the Code of Federal Regulations (CFR) provide for the issuance of such permits and require that we invite public comment before issuing permits for activities involving endangered species.

A recovery permit issued by us under section 10(a)(1)(A) of the ESA authorizes the permittee to conduct activities with endangered species for scientific purposes that promote recovery or for enhancement of propagation or survival of the species. Our regulations implementing section 10(a)(1)(A) for these permits are found at 50 CFR 17.22 for endangered wildlife species, 50 CFR 17.32 for threatened wildlife species, 50 CFR 17.62 for endangered plant species, and 50 CFR 17.72 for threatened plant species.

**Permit Applications Available for Review and Comment**

We invite local, State, and Federal agencies; Tribes; and the public to comment on the following applications.

Application Number	Applicant	Species	Location	Activity	Type of Take	Permit Action
ESPER0003 023	Samuel Schratz, Villa Park, IL.	Add Indiana bat ( <i>Myotis sodalis</i> ) to existing authorized species: Gray bat ( <i>M. grisescens</i> ) and northern long-eared bat ( <i>M. septentrionalis</i> ).	Add AL, AR, CT, GA, IL, IN, IA, KS, KY, MD, MA, MI, MS, MO, NJ, NY, NC, OH, OK, PA, TN, VT, VA, and WV to existing authorized States: DE, DC, FL, LA, ME, MN, MT, NE, NH, ND, RI, SC, SD, WI, WY.	Conduct presence/absence surveys, document habitat use, conduct population monitoring, and evaluate impacts.	Capture with mist-nets and harp traps, handle, identify, radio-tag, band, collect nonintrusive measurements, release.	Amend.
TE181256	Chad Lewis, Murray, KY.	Clubshell ( <i>Pleurobema clava</i> ) Fanshell ( <i>Cyprogenia stegaria</i> ) Fat pocketbook ( <i>Potamilus capax</i> ) Higgins' eye pearlymussel ( <i>Lampsilis higginsii</i> ) Northern riffleshell ( <i>Epioblasma torulosa rangiana</i> ) Orange-footed pimpleback pearlymussel ( <i>Plethobasus cooperianus</i> ) Pink mucket pearlymussel	AL, AR, KY, IL, IN, IA, MI, MO, MS, OH, PA, TN, WI, WV.	Conduct presence/absence surveys, document habitat use, conduct population monitoring, and evaluate impacts.	Capture, handle, temporary hold, release.	Renew.

		<i>(Lampsilis orbiculata)</i> Purple cat's paw pearly mussel <i>(Epioblasma obliquata obliquata)</i> Rabbitsfoot <i>(Quadrula cylindrica cylindrica)</i> Rayed bean ( <i>Villosa fabalis</i> ) Ring pink ( <i>Obovaria retusa</i> )				
TE130900	Gregory Zimmerman, Enviroscience Inc. Stow, OH.	Seventy freshwater mussel species Eight freshwater fish species	AR, KY, FL, GA, IL, IN, IA, MI, MN, MO, OH, TN, WI.	Conduct presence/absence surveys, document habitat use, conduct population monitoring, and evaluate impacts.	Capture, handle, temporary hold, release.	Renew.
TE71718A	Bradley Steffen, Cincinnati, OH	Indiana bat ( <i>Myotis sodalis</i> ) Gray bat ( <i>M. grisescens</i> ) Northern long-eared bat ( <i>M. septentrionalis</i> )	AL, AR, CT, DC, DE, FL, GA, IA, IL, IN, KS, KY, LA, MA, MD, MI, MN, MO, MS, MT, NC, ND, NE, NH, NJ, NY, OK, OH, PA, RI, SC, SD, TN, VA, VT, WI, WV, WY.	Conduct presence/absence surveys, document habitat use, conduct population monitoring, and evaluate impacts.	Capture with mist-nets, handle, identify, radio-tag, band, collect noninvasive measurements, release.	Renew.
TE02560A	Timothy Carter, Muncie, IN.	Indiana bat ( <i>Myotis sodalis</i> ) Gray bat ( <i>M. grisescens</i> )	IL, IN, IA, MI, MO, OH, WI, GA.	Conduct presence/absence surveys, document habitat use, conduct population monitoring,	Capture with mist-nets, handle, identify, radio-tag, band, bio-sample, enter hibernacula,	Renew.

		Northern long-eared bat ( <i>M. septentrionalis</i> )		and evaluate impacts.	collect nonintrusive measurements, release.	
PER0032362	Robert Weck, Columbia, IL.	Illinois cave amphipod ( <i>Gammarus archerondytes</i> )	IL.	Conduct presence/absence surveys, document habitat use, conduct population monitoring, and evaluate impacts.	Capture, handle, identify, collect nonintrusive measurements using anesthetic, and release.	New.
TE06873B	Andrew Carson, Cincinnati, OH.	Indiana bat ( <i>Myotis sodalis</i> ) Gray bat ( <i>M. grisescens</i> ) Northern long-eared bat ( <i>M. septentrionalis</i> ) Ozark big-eared bat ( <i>Corynorhinus townsendii ingens</i> )	AL, AR, CT, DC, DE, FL, GA, IA, IL, IN, KS, KY, LA, MA, MD, MI, MN, MO, MS, MT, NC, ND, NE, NH, NJ, NY, OK, OH, PA, RI, SC, SD, TN, VA, VT, WI, WV, WY.	Conduct presence/absence surveys, document habitat use, conduct population monitoring, and evaluate impacts.	Capture with mist-nets, handle, identify, radio-tag, band, enter hibernacula, collect nonintrusive measurements, and release.	Renew.
TE85233B	Shelly Colatskie, Cedar Hill, MO.	Indiana bat ( <i>Myotis sodalis</i> ) Gray bat ( <i>M. grisescens</i> ) Northern long-eared bat ( <i>M. septentrionalis</i> ) Ozark big-eared bat ( <i>Corynorhinus townsendii ingens</i> )	AL, AR, FL, GA, IA, IL, IN, KS, KY, MI, MN, MO, MT, ND, NE, NY, OK, OH, PA, SD, TN, VA, WV, WY.	Conduct presence/absence surveys, document habitat use, conduct population monitoring, and evaluate impacts.	Capture with mist-nets, handle, identify, radio-tag, band, bio-sample, enter hibernacula, collect nonintrusive measurements, and release.	Renew.
TE206781	EcoAnalysts, Inc., O'Fallon, MO.	Sixty freshwater mussel species	AR, CN, CO, DE, IL, IN, IA, KS, KY, ME, MD, MA, MI, MN,	Conduct presence/absence surveys, document habitat use, conduct	Capture, collect, handle, release, and relocate due to stranding.	Amend and renew.

			MO, NE, NH, NJ, NY, OK, OH, PA, RI, SD, TN, TX, VA, VT, WV, WI.	population monitoring, and evaluate impacts.		
TE35521B	Western Ecosystems Technology, Inc., Cheyenne, WY.	Forty-one freshwater mussel species Thirteen freshwater fish species	AL, CO, GA, IL, IN, KS, KY, MN, MS, MO, MT, NE, NY, NC, ND, OH, PA, SD, TN, VA, WV, WI, WY.	Conduct presence/absence surveys, document habitat use, conduct population monitoring, and evaluate impacts.	Capture, handle, release, and relocate due to stranding.	Renew.
TE207523	The Nature Conservancy, Michigan Chapter, Lansing, MI.	Add Eastern Massasauga Rattlesnake ( <i>Sistrurus catenatus</i> ) to existing authorized species: Mitchell's styr butterfly ( <i>Neonympha mitchellii mitchellii</i> ), Karner blue butterfly ( <i>Lycaeides melissa samuelis</i> ), and pitcher's thistle ( <i>Cirsium pitcheri</i> )	MI.	Conduct presence/absence surveys, document habitat use, conduct population monitoring, and evaluate impacts.	Capture, handle, and release.	Amend and renew.
TE106217	Toledo Zoological Society, Toledo, OH.	Mitchell's styr butterfly ( <i>Neonympha mitchellii mitchellii</i> )	MI.	Conduct presence/absence surveys, document habitat use, conduct population monitoring, and evaluate impacts.	Add: new activity— captive propagation—to existing permitted activities: Capture, handle, and hold.	Amend and renew.

TE66634A	U.S. Army Corps of Engineers	Curtis pearlymussel ( <i>Epioblasma florentina curtisii</i> ) Fat pocketbook ( <i>Potamilus capax</i> ) Orange-foot pimpleback ( <i>Plethobasus cooperianus</i> ) Pink mucket ( <i>Lampsilis abrupta</i> ) Scaleshell ( <i>Leptodea leptodon</i> ) Rabbitsfoot ( <i>Quadrula cylindrica</i> ) Rayed bean ( <i>Villosa fabalis</i> ) Sheepnose ( <i>Plethobasus cyphyus</i> ) Spectaclecase ( <i>Cumberlandia monodonta</i> ) Snuffbox ( <i>Epioblasma triquetra</i> ) Higgin's eye pearlymussel ( <i>Lampsilis higginsii</i> ) Winged mapleleaf ( <i>Quadrula fragosa</i> )	IL, IA, MO, WI.	Conduct presence/absence surveys, document habitat use, conduct population monitoring, and evaluate impacts.	Capture, handle, release, and relocate due to stranding.	Amend and renew.
TE30603C	Diehlux, LLC., Bloomfield, NY.	Rusty patched bumblebee ( <i>Bombus affinis</i> )	CN, DE, DC, IL, IN, IA, ME, MD, MA, MI, MN, MO, NH, NJ, NY, OH, PA, RI, VT, VA, WV, WI.	Conduct presence/absence surveys, document habitat use, conduct scientific research, conduct	Capture, handle, and release.	Renew.

				population monitoring, and evaluate impacts.		
PER0032442	Sarah Stankavich, Columbus, OH.	Indiana bat ( <i>Myotis sodalis</i> ) Gray bat ( <i>M. grisescens</i> ) Northern long-eared bat ( <i>M. septentrionalis</i> )	IL, IN, MI, MO, NJ, NC, OH, PA, WV.	Conduct presence/absence surveys, document habitat use, scientific research, conduct population monitoring, and evaluate impacts.	Harass by ultraviolet light.	New.
TE27915B	Wildlife Specialists, LLC, Wellsboro, PA.	Indiana bat ( <i>Myotis sodalis</i> ) Northern long-eared bat ( <i>M. septentrionalis</i> ) Virginia big-eared bat ( <i>Corynorhinus townsendii virginianus</i> )	AL, AR, CO, DE, GA, IL, IN, IA, KS, KY, LA, MA, MD, ME, MI, MN, MO, MS, MT, NC, ND, NE, NH, NY, OH, OK, PA, RI, SC, SD, TN, VA, VT, WI, WV.	Conduct presence/absence surveys, document habitat use, conduct population monitoring, and evaluate impacts.	Capture with mist-nets, handle, identify, radio-tag, band, collect nonintrusive measurements, and release.	Renew.
TE98673B	Jason Thomas Layne, Spring Hill, KS.	Indiana bat ( <i>Myotis sodalis</i> ) Gray bat ( <i>M. grisescens</i> ) Northern long-eared bat ( <i>M. septentrionalis</i> ) Virginia big-eared bat ( <i>Corynorhinus townsendii virginianus</i> ) Ozark big-eared bat ( <i>Corynorhinus townsendii ingens</i> )	AL, AR, CT, DC, DE, FL, GA, IL, IN, IA, KS, KY, LA, MA, MD, MI, MN, MO, MS, MT, NC, ND, NE, NH, NJ, NY, OH, OK, PA, RI, SC, SD, TN, VA, VT, WI, WV, WY.	Conduct presence/absence surveys, document habitat use, conduct population monitoring, and evaluate impacts.	Capture with mist-nets, handle, identify, radio-tag, band, collect nonintrusive measurements, and release.	Renew.



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## **Public Availability of Comments**

Written comments we receive become part of the administrative record associated with this action. Before including your address, phone number, email address, or other personal identifying information in your comment, you should be aware that your entire comment—including your personal identifying information—may be made publicly available at any time. While you can request in your comment that we withhold your personal identifying information from public review, we cannot guarantee that we will be able to do so. Moreover, all submissions from organizations or businesses, and from individuals identifying themselves as representatives or officials of organizations or businesses, will be made available for public disclosure in their entirety.

## **Next Steps**

If we decide to issue permits to any of the applicants listed in this notice, we will publish a notice in the *Federal Register*.

## **Authority**

We publish this notice under section 10(c) of the Endangered Species Act of 1973, as amended (16 U.S.C. 1531 *et seq.*).

**Lori Nordstrom,**

*Assistant Regional Director,*

*Ecological Services.*